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|--------------------------------------------------------------------------------------------|----|------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> |    | Application No.        | 10/737,069        |
|                                                                                            |    | Filing Date            | December 15, 2003 |
|                                                                                            |    | First Named Inventor   | Seong-Min CHOE    |
|                                                                                            |    | Art Unit               | 2819              |
|                                                                                            |    | Examiner Name          | Chang, Daniel D.  |
| Total Number of Pages in This Submission                                                   | 14 | Attorney Docket Number | 51876P440         |

| ENCLOSURES (check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment / Response<br><br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> PTO/SB/08<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Basic Filing Fee<br><input type="checkbox"/> Declaration/POA<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Return receipt postcard</div> |
| Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                                                        |
|--------------------------------------------|------------------------------------------------------------------------|
| Firm or Individual name                    | Steven Laut, Reg. No. 47,736<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature                                  |                                                                        |
| Date                                       | August 2, 2005                                                         |

| CERTIFICATE OF MAILING/TRANSMISSION                                                                                                                                                                                                                                                          |              |      |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------|----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |              |      |                |
| Typed or printed name                                                                                                                                                                                                                                                                        | Jean Svoboda |      |                |
| Signature                                                                                                                                                                                                                                                                                    |              | Date | August 2, 2005 |



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/737,069        |
| Filing Date          | December 15, 2003 |
| First Named Inventor | Seong-Min CHOE    |
| Examiner Name        | Chang, Daniel D.  |
| Art Unit             | 2819              |
| Attorney Docket No.  | 51876P440         |

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) ☒ Credit any overpayments  
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

## FEE CALCULATION

### 1. EXTRA CLAIM FEES

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | 14           | 20**           | 0        |
| Independent Claims | 2            | 3**            | 0        |
| Multiple Dependent |              |                |          |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description                                           |
|----------|----------|----------|----------|-----------------------------------------------------------|
| 1202     | 50       | 2202     | 25       | Claims in excess of 20                                    |
| 1201     | 200      | 2201     | 100      | Independent claims in excess of 3                         |
| 1203     | 360      | 2203     | 180      | Multiple Dependent claim, if not paid                     |
| 1204     | 300      | 2204     | 150      | **Reissue independent claims over original patent         |
| 1205     | 300      | 2205     | 150      | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (1) (\$ ) 0.00

\*\*or number previously paid, if greater, For Reissues, see below

### 2. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description                                                  |
|----------|----------|----------|----------|------------------------------------------------------------------|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath                              |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet           |
| 2053     | 130      | 2053     | 130      | Non-English specification                                        |
| 1251     | 120      | 2251     | 60       | Extension for reply within first month                           |
| 1252     | 450      | 2252     | 225      | Extension for reply within second month                          |
| 1253     | 1,020    | 2253     | 510      | Extension for reply within third month                           |
| 1254     | 1,590    | 2254     | 795      | Extension for reply within fourth month                          |
| 1255     | 2,160    | 2255     | 1,080    | Extension for reply within fifth month                           |
| 1401     | 500      | 2401     | 250      | Notice of Appeal                                                 |
| 1402     | 500      | 2402     | 250      | Filing a brief in support of an appeal                           |
| 1403     | 1,000    | 2403     | 500      | Request for oral hearing                                         |
| 1451     | 1,510    | 2451     | 1,510    | Petition to institute a public use proceeding                    |
| 1460     | 130      | 2460     | 130      | Petitions to the Commissioner                                    |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)                              |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                        |
| 1809     | 790      | 1809     | 395      | Filing a submission after final rejection (37 CFR § 1.129(a))    |
| 1810     | 790      | 2810     | 395      | For each additional invention to be examined (37 CFR § 1.129(b)) |

Other fee (specify) \_\_\_\_\_

SUBTOTAL (2)

(\$ )

Fee Paid

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Steven Laut

Registration No.  
(Attorney/Agent)

47,736

Telephone

(310) 207-3800

Signature

Date

08/02/05



Attorney Docket No. 51876P440

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Patent Application of:

**Seong-Min Choe**

Serial No. 10/737,069

Filed: December 15, 2003

**SEMICONDUCTOR MEMORY DEVICE WITH  
SENSE AMPLIFIER DRIVER HAVING MULTIPLIED  
OUTPUT LINES**

Examiner: Daniel D. Chang

Art Unit: 2819

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Dear Commissioner:

In response to the Office Action mailed May 2, 2005, regarding the above-referenced application, Applicant respectfully requests entry of the amendment set forth below and consideration of the remarks that follow.